

WHAT IS CLAIMED IS:

1. A connection device for connecting a towable structure to a vehicle capable of towing, said connection device comprising:

a body;

an attachment portion for attaching the body of the connection device to the vehicle capable of towing;

a housing capable of movement in a direction coaxial to an axis created by the lengthwise direction of a mast;

gears integrally connected to both said housing and said mast, said gears capable of moving said housing in at least two directions, said gears maintaining continual contact between said housing and said mast while said housing is moved by said gears; and

a trailer hitch connected to said housing, said trailer hitch capable of connection to the towable structure.

2. The connection device of claim 1, further wherein said gears are driven by at least one of: a hand crank, an electric motor, a hydraulic device or a pneumatic device.

3. The connection device of claim 1, further wherein said trailer hitch is at least one of a ball-type hitch, a non-ball-type hitch, and a receiver for a hitch.

4. The connection device of claim 1, further wherein said housing and said mast are capable of separation from said attachment portion.

5. The connection device of claim 4, further wherein said housing and said mast attach to said attachment portion with a locking pin.

6. The connection device of claim 1, further wherein said attachment portion is a tongue which indexes into a hitch receiver, said hitch receiver capable of connection to the vehicle capable of towing.

7. The connection device of claim 1, further wherein said housing possesses a range of movement from substantially zero to substantially five feet.

8. The connection device of claim 7, wherein the range of movement ranges from substantially zero to less than five feet.

9. The connection device of claim 1, wherein said housing is capable of movement in a vertical direction.

10. The connection device of claim 1, wherein said housing is capable of movement in a horizontal direction.

11. A connection device for connecting a towable structure to a vehicle capable of towing, said connection device comprising:

a body;

an attachment portion for attaching the body of the connection device to the vehicle capable of towing;

a mast;

a housing;

movement means for moving said housing in a direction coaxial to an axis created by the lengthwise direction of said mast;

said movement means integrally connected to both said housing and said mast, said movement means being capable of moving said housing in at least two directions; and

a trailer hitch connected to said housing, said trailer hitch capable of connection to the towable structure.

12. The connection device of claim 11, further wherein said movement means include a device driven by at least one of: a hand crank, an electric motor, hydraulics or pneumatics.

13. The connection device of claim 11, further wherein said trailer hitch is at least one of a ball-type hitch, a non-ball-type hitch, and a receiver for a hitch.

14. The connection device of claim 11, further wherein said housing and said mast are capable of separation from said attachment portion.

15. The connection device of claim 14, further wherein said housing and said mast attach to said attachment portion with a locking pin.

16. The connection device of claim 11, further wherein said attachment portion is a tongue which indexes into a hitch receiver, said hitch receiver capable of connection to the vehicle capable of towing.

17. The connection device of claim 11, further wherein said housing possesses a range of movement from substantially zero to substantially five feet.

18. The connection device of claim 17, wherein the range of movement ranges from substantially zero to less than five feet.

19. The connection device of claim 11, wherein said housing is capable of movement in a substantially vertical direction.

20. The connection device of claim 11, wherein said housing is capable of movement in a substantially horizontal direction.